

1/6

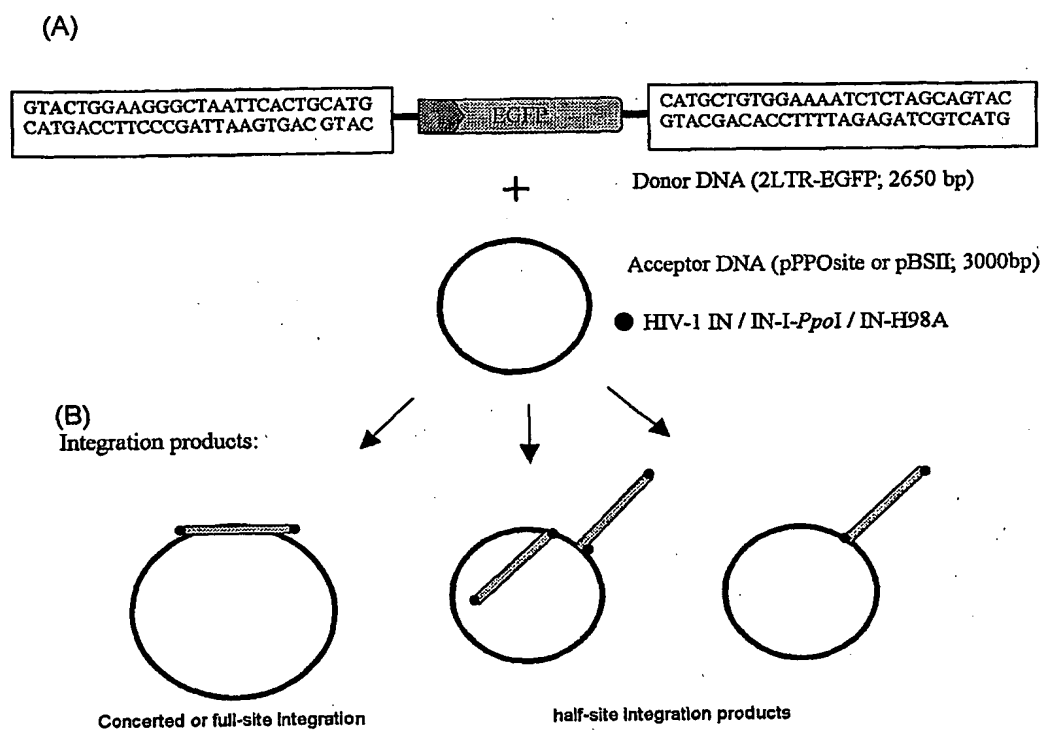


Fig. 1

2/6

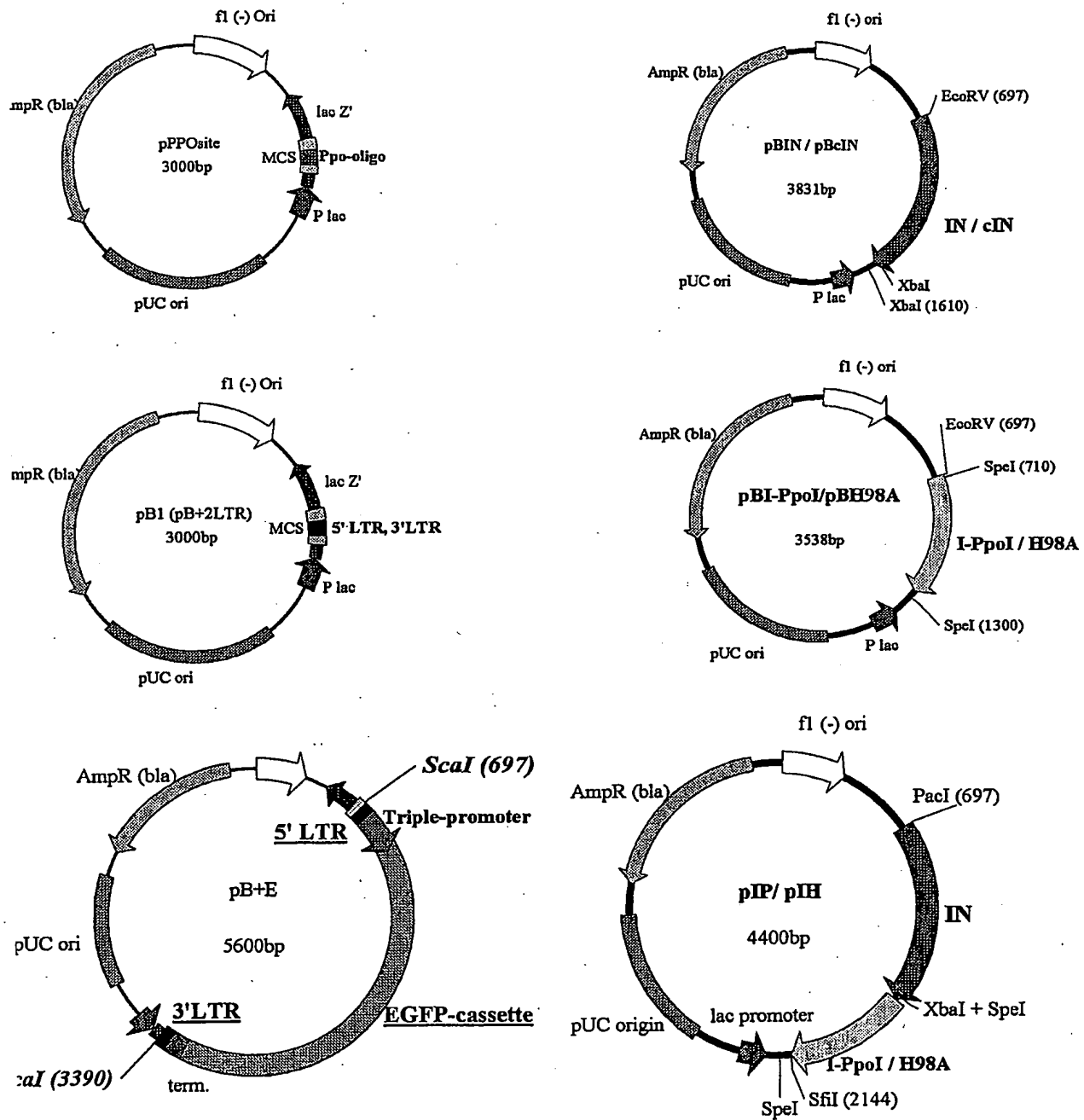


Fig. 2

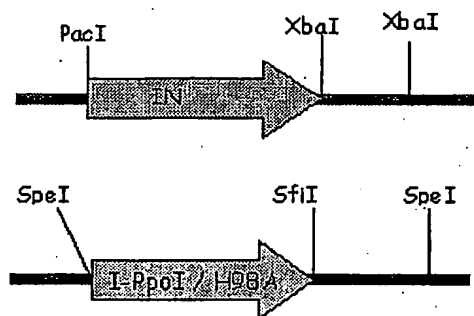
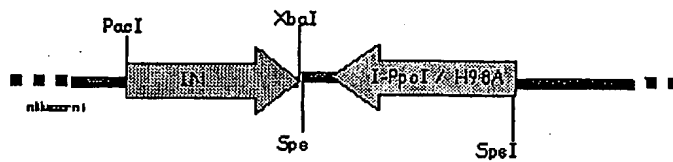


Fig. 3

4/6

a)



b)

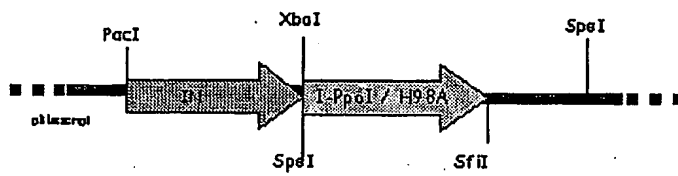


Fig. 4

5/6

pcnppo_h98a-cons	CCCTTTTCTATTAGAACCGGATAACATCAACGGCAAACCTGCACAGCAAGCGCGCTATG
M38131	CCCTTTTCTATTAGAACCGGATAACATCAACGGCAAACCTGCACAGCATCGCACCTATG
pcnppo6_H98A	CCCTTTTCTATTAGAACCGGATAACATCAACGGCAAACCTGCACAGCATCGGCNCTATG

	(1) (2)
	GCN-> His98A mutation

pcnppo_h98a-cons	TCATAATACTCGATGCCACAATCCCTTGCACTTGTGCTGGGAGTCACTAGACGACAACAA
M38131	TCATAATACTCGATGCCACAATCCCTTGCACTTGTGCTGGGAGTCACTAGACGACAACAA
pcnppo6_H98A	TCATAATACTCGATGCCACAATCCCTTGCACTTGTGCTGGGAGTCACTAGACGACAACAA

pcnppo_h98a-cons	AGGCAGAACTGGTGCCCGGGTCCCAACGGGGNATGTGTCCATGCGGTGGTTTGTTTAAG
M38131	AGGCAGAACTGGTGCCCGGGTCCCAACGGGGGATGTGTCCATGCGGTGGTTTGTTTAAG
pcnppo6_H98A	AGGCAGTTTGACCAGCCCGGGTCCCAACGGGGGATGTGTCCATGCGGTGGTTTGTTTAAG

	(3)

Fig. 5

6/6

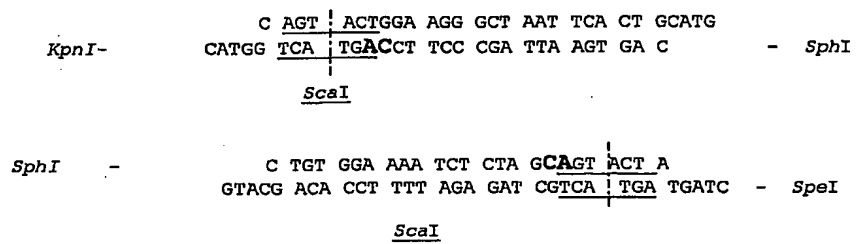


Fig. 6